

KUVALINA, M.P., KIBAKOVA, Ye.M., STEL'NAKH, L.N., TROSHININ, V.A.

The speed of formation of conditioned reflexes in dogs in ontogenesis/  
[with summary in English]. Zhur.vya.nevr. deiat. 8 no.6:929-936  
M-D '58  
(MIRA 12:1)

1. Laboratory of Comparative Ontogenesis of the Higher Nervous Activity,  
Pavlov Institute of Physiology, USSR Academy of Sciences, Koltushi.

(REFLEX, CONDITIONED,

rate of form, in young dogs, age factor (Rus))

(AGING, effects,

on conditioned reflex form, rate in young dogs (Rus))

KLYAVINA, M.P.

Effect of caffeine and bromine on the process of conditioned reflex generalisation in puppies. Zhur. vys. nerv. deiat. 10 no.2:274-279  
Mr-Ap '60. (MIRA 14:5)

1. Laboratory of Comparative Ontogenesis of Higher Nervous Activity,  
Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences.  
(CONDITIONED RESPONSE) (CAFFEINE) (BROMINE)

VAVILOVA, N.M. (Koltushi); KLYAVINA, M.P. (Koltushi); OBRAZKOVA, O.A.  
(Koltushi); TROSHININ, V.A. (Koltushi)

Certain trends of research on the ontogenesis of the central nervous  
system in animals. Us.p sovr. biol. 49 no.1:104-114 Ja-F '60.

(NERVOUS SYSTEM) (ONTOGENY)

(MIRA 14:5)

VAVILOVA, N.M.; KLYAVINA, M.P.; OBRAZTSOVA, G.A.; TROSHIKHIN, V.A.

Correlation of the typological properties of higher nervous activity and the course of pathological processes. Zhur. vys. nerv. deiat. 11 no.6:1038-1043 N-D '61. (MIRA 15:3)

1. Laboratory of Comparative Ontogenesis of the Higher Nervous Activity, Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Koltushi.  
(NEUROSES) (NERVOUS SYSTEM) (CANCER) (PLAGUE)

VAVILOVA, N.M.; KLYAVINA, M.P.

Effect of pain stimulations on the development of a passive defense reflex in ontogenesis. Trudy Inst. fisiol. 10:232-237 '62  
(MIRA 17:3)

1. Laboratoriya srovnitel'nogo ontogeneza vysshey nervnoy deyatel'nosti (zav. - V.A.Troshikhin) Instituta fiziologii imeni Pavlova AN SSSR.

KLYAVINA, M.P., MARUSEVA, A.M.

Electric response of the cochlea in newborn animals. Dokl. AN SSSR  
149 no.5:1221-1224 Ap '63. (MIRA 16:5)

1. Institut fisiologii im. I.P.Pavlova AN SSSR. Predstavleno  
akademikom V.N.Chernigovskim.  
(LABYRINTH (EAR)) (ELECTROPHYSIOLOGY)

KLYAVINA, M.P.

Generalization of the conditioned reflexes in early ontogenesis of  
naturally born animals. Izmer. vys. nerv. deiat. 12 no.2:344-348  
Mr. Ap '62. (MIRA 17:12)

1. laboratoriya srovnitel'nogo ontogeneza vyaschey nervnoy deyatel'-  
nosti Instituta fiziologii imeni I.P. Pavlova AN SSSR, Koltushi.

L 60230-65 ~~WT(1)/DWA(h)~~ Feb

ACCESSION NR: AT5013576

UR/2584/64/000/017/0077/0094

AUTHOR: Birzniyeks, L. V. (Candidate of technical sciences): Klyavin'sh, I. E.

TITLE: Contactless d-c regulation by thyristors

SOURCE: AN LatSSR. Institut energetiki. Trudy, no. 17, 1964. Poluprovodniki i ikh primeneniya v elekrotekhnike, 3. Upravlyayemye poluprovodnikovyye vypryamitel'nyye elementy i ikh primeneniye (Semiconductors and their use in electrical engineering, 3. Controlled semiconductor rectifying elements and their use), 77-94

TOPIC TAGS: dc voltage regulation, thyristor, electrical drive, electrical traction

ABSTRACT: A thyristor circuit (see Enclosure 1) for the d-c-voltage-regulated supply of a traction motor is considered. The power circuit includes a power source E, thyristors in branch 1-2, and a traction motor D shunted by rectifier diodes (branch 2-3). The power thyristors are controlled by an auxiliary circuit which includes a turn-off capacitor C, an inductance L in series with a diode, and a control (turn-on) thyristor 1-4. A special control unit supplies two separate square pulses having the same repetition rate and an adjustable spacing between

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ACCESSION NR: AT5013576

therm. Calculations of the thyristor voltage-regulation circuit are presented with an allowance for the electromagnetic processes transpiring in the traction motor; engineering-design formulas are derived; no recuperation of energy is considered. An experimental verification with a "small-power physical model," with a repetition rate of 100 cps, and an adjustable pulse spacing of 0-10 msec is mentioned. Advantages: a contactless, instantaneous, low-loss control. Disadvantages: an a-c component in the load current which aggravates the commutation. Orig. art. has: 6 figures, 40 formulas, and 3 tables.

ASSOCIATION: Institut energetiki AN Latviyskoy SSR (Institute of Power Engineering, AN Latvian SSR)

SUBMITTED: 00

ENCL: 01

SUB CODE: EE, EC

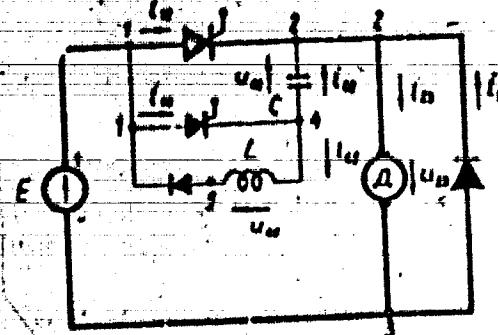
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ACCESSION NR: AT5013576

INCLOSURE: 1



Thyristor-regulated d-c power supply to  
a traction motor

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L 58800-65 EMT(d)/EBC(k)-2/EBC-k Po-k/Pq-k/Pg-k/Px-k/P1-k

ACCESSION NR: AP5017816

UR/0286/65/000/011/0044/0044

621.317.757

45

44

3

AUTHOR: Andriamov, E. M.; Klyavin'sh, I. Ya.

TITLE: A device for automatically measuring the parameters of tunnel diodes.  
Class 21, No. 171449

SOURCE: Byulleten' izobretensiy i tovarnykh znakov, no. 11, 1965, 44

TOPIC TAGS: measuring device, tunnel diode, parameter measurement

ABSTRACT: This Author Certificate introduces a device which automatically measures the parameters of tunnel diodes. The instrument contains a unit which converts the measured values of maximum and minimum current to a dc voltage. A digital printout attachment for recording the converter parameters and a unit which measures diode voltages which correspond to the values of maximum and minimum current are connected through commutators to the conversion unit. The device also contains a control unit and a power supply. Accuracy during automatic measurement of diode parameters is improved by using an automatic compensator in the voltage measurement unit. The compensator is connected to the control unit. The conversion

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L 58800-65

ACCESSION NR: AP501708

unit has a variable voltage supply connected to its input and a pulse shaper connected to its output. The pulse shaper generates signals which control switching of the measurement and recording instruments. Orig. art. has: 1 figure. [14]

ASSOCIATION: Institut elektroniki i vychislitel'noy tekhniki AN Latviyskoy SSR  
(Institute of Electronics and Computing Technology, AN Latvian SSR)

SUBMITTED: 03May63

ENCL: 01

SUB CODE: EC,IE

NO REF Sov: 000

OTHER: 000

ATT PRESS: 4054

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L 58800-65

ACCESSION NR: AP5017816

ENCLOSURE: 01

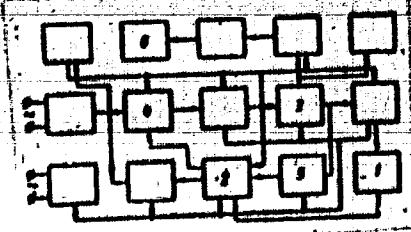


Fig. 1. Device for measuring TD parameters

1 - Voltage measurement unit with automatic compensator; 2 - control unit; 3 - conversion unit; 4 - source of linear variable voltage; 5 - pulse shaper; 6 - printout attachment.

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1-1982-66 ENT(1)/REC(k)-2/T/EMA(h) IJP(c)

ACCESSION NR: AP5023291

UR/0371/85/000/004/0033/0040 27  
25, 94 D

AUTHOR: Bersins, J. (Berzin'sh, Ya. Ya.); Klavins, I. (Klyavin'sh, I. E.) 44 D

TITLE: Experimental determination of the cutoff time of thyristors 25, 94

SOURCE: AN LatSSR. Izvestiya. Seriya fizicheskikh i tekhnicheskikh nauk, no. 4, 1965, 33-40

TOPIC TAGS: thyristor, electronic equipment, electric polarization

ABSTRACT: To cut off a thyristor it is necessary to apply a voltage with reverse polarization to the element. By the cutoff time of a thyristor is meant the interval of time required for the reestablishment of a closed condition after the direct current flow is switched off. This interval is usually measured from the moment when the direct current passes through the null point up to the moment when the direct current is applied, when the cutoff properties of the element are reestablished up to a level of 0.95, that is, when the amplitude of the voltage in the instrument is not less than 95% of the applied voltage. The experiments were carried out on a D235G thyristor with a nominal current of 2 amp. Experimental

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ACCESSION NR: AP5023291

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results indicate that the cutoff time of a thyristor is a function of a multitude of factors which must be taken into account in the choice of elements for thyristor cutoff circuits. A determination was made of the dependence of cutoff time for a D235G thyristor on the amplitude of the direct current before the cutoff for different values of the amplitude of the reverse voltage in the cutoff process, all other influencing factors being constant. Orig. art. has: 5 figures

ASSOCIATION: Institut energetiki AN Latv. SSR (Energetics Institute, AN LatSSR)

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SUBMITTED: 24Apr68

ENCL: 00

SUB CODE: EO

NR REF SOV: 001

OTHER: 008

KC  
Cord 2/2

KLYAVIN'ISH, K.K. [Klavins, K.], glavnyy inzhener; BARANOV, N.N., inzhener po ratsionalizatsii

Recording thermoregulator operating by remote control. Tekst. prem.  
19 no. 6:70-71 Je '59. (MIRA 12:9)

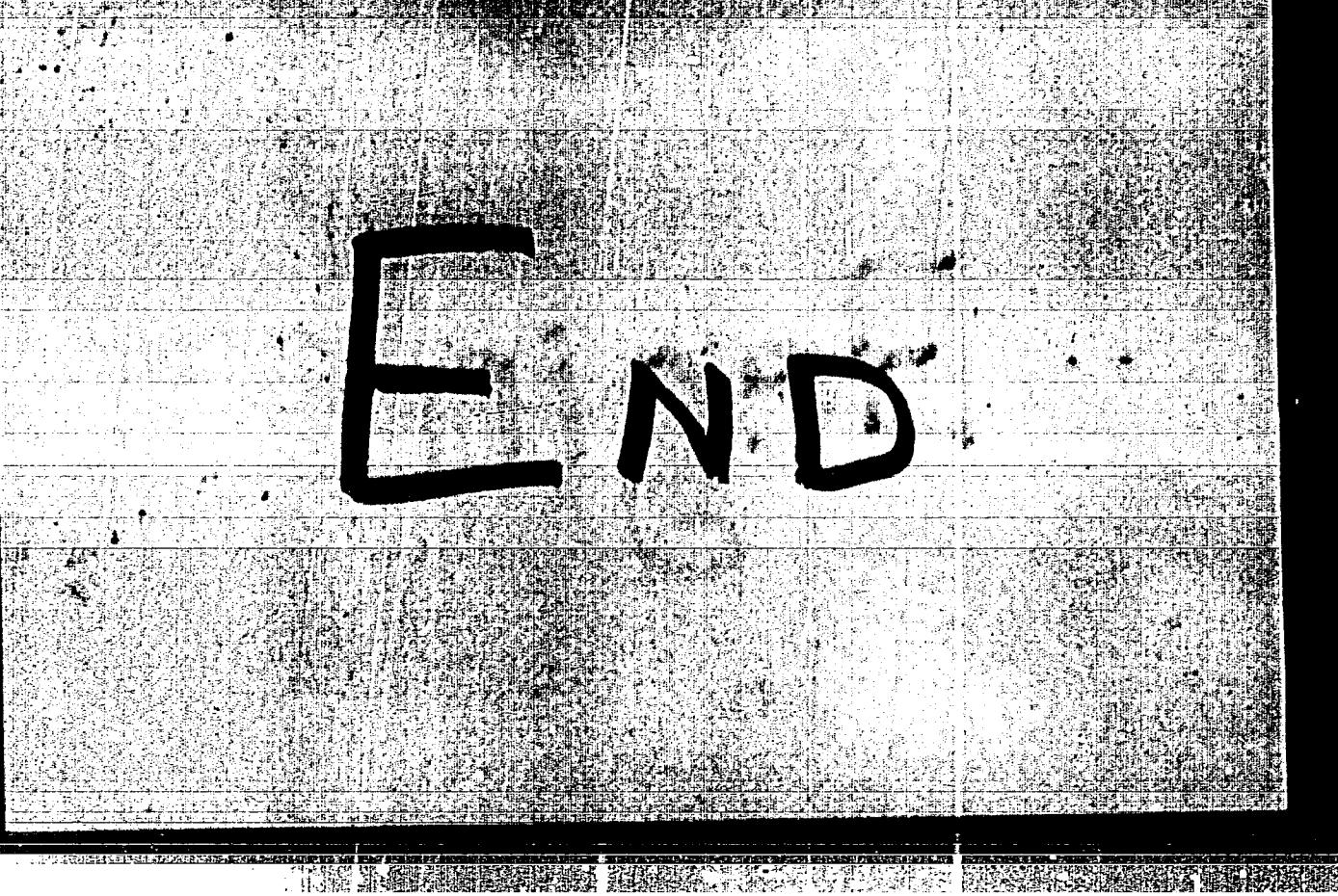
1. Kombinat "Riga Audums".  
(Temperature regulators)

REEL #232  
KLIRIKOV, G.V.

KLYAVIN'SH, K.K.

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